ELSEVIER

Colloids and Surfaces
A: Physicochemical and Engineering Aspects 101 (1995) 298–299

COLLOIDS AND SURFACES A

Contents of Volume 101

(Abstracted/indexed in: Chemical Abstracts, Current Contents; Physical, Chemical & Earth Sciences; INSPEC; PASCAL/CNRS)

Vol. 101 No. 1

Rheology of highly paraffinaceous crude oil
V.N. Matveenko, E.A. Kirsanov and S.V. Remizov (Moscow, Russia) 1
The formation of liposomes in vitro by mixtures of lipids modeling the composition of the stratum corneum
A. de la Maza, A.M. Manich, L. Coderch, P. Bosch and J.L. Parra (Barcelona, Spain) 9
Kinetics of polyacrylamide adsorption at the iron oxide – solution interface
A.K. Bajpai and S.K. Bajpai (Jabalpur, India) 21
Fine silica powder modified with quaternary ammonium groups. 2. The influence of electrolyte and pH
T. Suhara, H. Fukui and M. Yamaguchi (Yokohama, Japan) 29
Effect of anionic ligands on the reactivity of pyrite with Fe(III) ions in acid solutions
K. Sasaki, M. Tsunekawa, K. Hasebe and H. Konno (Sapporo, Japan) 39
Flow of dilute, sub-micron emulsions in granular porous media: effects of pH and ionic strength
J. Soma and K.D. Papadopoulos (New Orleans, LA) 51
Formation of PbS nanoclusters using reversed micelles of lead and sodium Aerosol-OT
J. Eastoe and A.R. Cox (Bristol, UK) 63
Protein/surfactant interfacial interactions. Part 3. Competitive adsorption of protein + surfactant in emulsions
J. Chen and E. Dickinson (Leeds, UK) 77
Chemical flooding of oil reservoirs. 1. Low tension polymer flood using a polymer gradient in the three-phase region
T. Austad and K. Taugbøl (Stavanger, Norway) 87

Brief notes
Effect of a radiofrequency electric field on the zeta potential of some oxides
E. Chibowski and L. Hołysz (Łódź, Poland) 99
Determination of critical micelle concentration of non-ionic surfactants using kinetic approach
J. Perkowski, J. Mayer and S. Ledakowicz (Łublin, Poland) 103

Vol. 101 Nos. 2/3

Special Issue: A Selection of papers presented at the XIII European Chemistry at Interfaces Conference, held in Kiev, Ukraine, 11–16 September 1994

Conductivity and dynamic light scattering studies on homologous alkylbenzyldimethylammonium chlorides in aqueous solutions
J.R. Rodríguez (Santiago de Compostella, Spain) and J. Czapkiewicz (Krakow, Poland) 107
Simultaneous competitive adsorption of polymers from ternary solutions at solid/liquid interfaces
F. Csempesz, K. Csáki, P. Kovács and M. Nagy (Budapest, Hungary) 113
Chemisorption and hydrolysis of $TiCl_4$ on the surface of pyrogenic silica
E.F. Voronin, E.M. Pakhlov and A.A. Chuiko (Kiev, Ukraine) 123

Dynamic interfacial properties of marine microlayers
J. Krägel (Potsdam, Germany), A.M. Stortini, N. Degli-Innocenti, G. Loglio and R. Cini (Florence, Italy) and R. Miller (Berlin, Germany) 129
Ti-Al-β and CrAPO-5 as heterogeneous catalysts for selective oxidations in the liquid phase
J.D. Chen, H.E.B. Lempers and R.A. Sheldon (Delft, The Netherlands) 137
Aggregation behaviour of sodium polyphenylsulfonate and its acid in aqueous solutions
J. Czapkiewicz (Krakow, Poland), J.R. Rodriguez (Santiago de Compostella, Spain) and B. Tutaj (Krakow, Poland) 147
IR spectra of adsorbed ozone
K.M. Bulanin (St. Petersburg, Russia), J.C. Lavalley (Caen, France) and A.A. Tsyganenko (St. Petersburg, Russia) 153
Light scattering on micellar solutions of *N,N'*-butyl-*n*-alkyl-1,4-diazabicyclo-[2,2,2]-octane derivatives of 3'-O-acylthymidine-5'-phosphates
M. Thies, M. Poschmann, U. Hinze and H.H. Paradies (Iserlohn, Germany) 159
Synthesis of ultramarine from synthetic molecular sieves
S. Kowalak, M. Pawłowska, M. Miluśka, M. Stróżyk, J. Kania and W. Przystajko (Poznań, Poland) 179
Novel results on the adsorption of ionic surfactants at the air/water interface — sodium-*n*-alkyl sulphates
K. Lunkenheimer and G. Czichocki (Berlin, Germany), R. Hirte (Wildau, Germany) and W. Barzyk (Krakow, Poland) 187
Investigation of the surface reactions of CCl_4 on zeolites studied by IR and MAS NMR spectroscopy
I. Hannus (Szeged, Hungary), I.I. Ivanova (Namur, Belgium), G. Tasi and I. Kiricsi (Szeged, Hungary) and J. B.Nagy (Namur, Belgium) 199
Effect of conditions of silica film preparation on the spectral behaviour of a fluorescent probe
N.P. Smirnova, T.A. Kikteva, V.P. Kondilenko, V.J. Chorny, A.M. Eremenko and V.M. Ogenko (Kiev, Ukraine) 207
Wettability of highly dispersed silica and alumina
S.V. Pakhovchychyn and A.P. Shimansky (Kiev, Ukraine) 211
Surface interactions of dimethylsiloxy group-modified fumed silica
H. Barthel (Burghausen, Germany) 217
Chemistry of carbon surface and mechanism of water molecule adsorption
R.Sh. Vartapetyan, A.M. Voloshchuk, A.A. Isirikyan, N.S. Polyakov (Moscow, Russia) and Y.I. Tarasevich (Kiev, Ukraine) 227
Effect of water adsorption on positron annihilation lifetimes in barium oxide and barium peroxide
V.T. Adonkin, B.M. Gorelov, D.V. Morozovskay and V.M. Ogenko (Kiev, Ukraine) 233
Adsorption of nonionic and cationic surfactants from aqueous binary mixtures onto the solid/liquid interface
N.I. Ivanova, I.L. Volchkova and E.D. Shchukin (Moscow, Russia) 239
Equilibrium wetting in the SOS model
A.M. Emelyanenko and L.B. Boinovich (Moscow, Russia) and J. De Coninck (Mons, Belgium) 245
Surface/interfacial tension dynamics of vesicle-forming surfactants
T. Svitova, Y. Smirnova and G. Yakubov (Moscow, Russia) 251
Light scattering and small-angle X-ray scattering on micellar benzethonium chloride (bromide) solutions. 3: Micellar structure of BZCl at different solvent electron densities
M. Thies, U. Hinze and H. Henrich Paradies (Iserlohn, Germany) 261
Dynamics of chemical bonds and local density of electron states at heterogeneous surfaces
V.M. Gun'ko (Kiev, Ukraine) 279
Water electret relaxation at dispersed silica surfaces
V.A. Tischenko and V.M. Gun'ko (Kiev, Ukraine) 287

Author Index 295
Subject Index 296
Contents (Vol. 101) 298